Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 11 Mar 2023 until 23:59 on Sunday 12 Mar 2023

Forecast Issued on Saturday 11 Mar 2023 at 02:11

Confidence: High for cold and dry conditions during most of Saturday but snow arriving later. High for milder weather on Sunday but turning very unsettled into Monday before turning cold again early next week. Some uncertainty in rain or snow details so please keep updated with the forecast.

Headline for Saturday 11 Mar 2023: Dry, bright and cold then snow and low cloud arriving in the evening.

Mountain weather hazards on Saturday 11 Mar 2023

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light snow	Heavy snow	Heavy snow
Precipitation probability					
<05%	<05%	<05%	20%	50%	90%

Forecast for Saturday 11 Mar 2023

Weather: Mainly clear overnight with a widespread frost, severe in places. Dry with bright or sunny spells through the day but clouding over through the afternoon. Outbreaks of snow will arrive from the west around early evening before turning heavy and persistent during the evening with blizzards on the highest tops. Snow turning to rain below 400m later.

Chance of cloud-free hill tops above 600m: 95% for most of the day, becoming 10% in the evening.

Low cloud and visibility: Excellent visibility during daylight hours. Deteriorating quite quickly later, especially in the evening, becoming very poor in snow with extensive cloud above 300m and blizzards on the tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Saturday 11 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 SW	9/14 S	10/14 S	13/20 SE	19/26 SE	23/32 SE	20/27 S
300	4/8 S	6/8 SE	9/12 SE	11/18 SE	15/24 SE	18/29 SE	16/24 SE
Valley	3/8 E	4/7 SE	6/11 SE	7/13 SE	10/21 SE	12/24 SE	8/19 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-7	-2/-6	-1/-6	-1/-6	-2/-8	-1/-9	0/-6
300	-0/-3	0/-3	1/-3	2/-3	1/-5	0/-6	1/-4
Valley	-1/-2	1/-1	3/-0	2/-0	1/-3	1/-4	2/-2
Freezing Level*	00m	100m	200m	200m	300m	300m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fine weather conditions during the day but note that the weather will deteriorate quite quickly in the evening so please plan accordingly to enjoy the best of the conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 11 Mar 2023	0.6mm	0.6mm	0.6mm

Forecast for Sunday 12 Mar 2023

Weather: Summit snow overnight soon turning to rain at all levels before clearing by dawn. A mainly dry and bright day and feeling much milder. Outbreaks of rain will arrive late in the afternoon, turning heavy in the evening accompanied by strong southwesterly winds. Thawing snow and slush giving heavy and slippery underfoot conditions.

Maximum wind: Southwest 25mph gusts 35mph, gusting 45mph at times on the highest tops.

Chance of cloud-free hill tops above 600m: 10% overnight improving to 70% by the morning, becoming 10% in evening.

Low cloud and visibility: Extensive cloud and fog above 400m becoming patchy and lifting above summits in the morning. Deteriorating in the evening, becoming poor in rain with extensive cloud developing, bases 300 to 400m.

Temperature: **Valleys:** Plus 4C rising to 9 or 10C.
At 600m: Plus 1C rising to 4 or 5C.
Freezing level: Above summits.

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